

PTO/SB/08a/b (05-03)
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete If Known			
		Application Number	10/699,845		
		Filing Date	November 4, 2003		
		First Named Inventor	Sung-Su Jung		
		Art Unit	1762		
		Examiner Name	LIN, James		
Sheet	1	of	1	Attorney Docket Number	8734.248 US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/JL/	BA	Japan 10-099760	04-21-1998	TOSHIBA CORP	Eng. Abstract	
/JL/		Japan 64-059823	03-07-1989	TOSHIBA SEIKI KK	Eng. Abstract	
/JL/		Japan 2000-296354	10-24-2000	HITACHI TECHNO ENG CO LTD	Eng. Abstract	

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NON PATENT LITERATURE DOCUMENTS			
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	CA		

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Examiner Signature	/James Lin/	Date Considered	04/04/2007
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DC:50453637.1



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				Art Unit	
				Examiner Name	
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	AA				

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
JL	BA	JP 10-296168	11/10/1998	TOSHIBA CORP		

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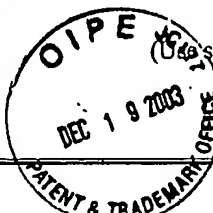
NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	CA	Copy of Communication from Korean Patent Office dated July 31, 2006.		

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DC:50436790.1


INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 041993-5352	Application No.: 10/699,845
	Applicants: Sung-Su JUNG et al. Sheet 1 of 10	
	Filing Date: November 4, 2003	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
/JL/	3,978,580	09/07/1976	Leupp, et al.			09/27/1974
	4,094,058	06/13/1978	Yasutake, et al.			07/23/1976
	4,653,864	03/31/1987	Baron, et al.			02/26/1986
	4,691,995	09/08/1987	Yamazaki, et al.			07/15/1986
	4,775,225	10/04/1988	Tsuboyama, et al.			05/14/1986
	5,247,377	09/21/1993	Omeis, et al.			07/24/1989
	5,263,888	11/23/1993	Ishihara, et al.			02/11/1993
	5,379,139	01/03/1995	Sato, et al.			07/06/1992
	5,406,989	04/18/1995	Abe			10/12/1993
	5,499,128	03/12/1996	Hasegawa, et al.			03/15/1994
	5,507,323	04/16/1996	Abe			11/22/1994
	5,511,591	04/30/1996	Abe			04/10/1995
	5,539,545	07/23/1996	Shimizu, et al.			05/17/1994
	5,548,429	08/20/1996	Tsujita			06/14/1994
	5,642,214	06/24/1997	Ishii, et al.			07/05/1994
	5,680,189	10/21/1997	Shimizu, et al.			06/07/1995
▼	5,742,370	04/21/1998	Kim, et al.			02/26/1997


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	Applicants: Sung-Su JUNG et al.	
	Filing Date: November 4, 2003	Sheet 2 of 10 Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
/JL/		5,757,451	05/26/1998	Miyazaki, et al.			09/09/1996
		5,852,484	12/22/1998	Inoue, et al.			05/27/1997
		5,854,664	12/29/1998	Inoue, et al.			09/25/1995
		5,861,932	01/19/1999	Inata, et al.			03/30/1998
		5,875,922	03/02/1999	Chastine, et al.			10/10/1997
		5,952,676	09/14/1999	Sato, et al.			06/06/1997
		5,956,112	09/21/1999	Fujimori, et al.			10/01/1996
		6,001,203	12/14/1999	Yamada, et al.			12/10/1997
		6,011,609	01/04/2000	Kato, et al.			10/02/1997
		6,016,178	01/18/2000	Kataoka, et al.			03/14/1997
		6,016,181	01/18/2000	Shimada			01/21/1997
		6,055,035	04/25/2000	von Gutfeld, et al.			05/11/1998
		6,163,357	12/19/2000	Nakamura			09/26/1997
		6,219,126	04/17/2001	Von Gutfeld			11/20/1998
		6,226,067	05/01/2001	Nishiguchi, et al.			09/30/1998
		6,236,445	05/22/2001	Foschaar, et al.			02/22/1996
↓		6,304,306	10/16/2001	Shiomi, et al.			04/20/1998
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INFORMATION DISCLOSURE CITATION 	Attorney Docket No. 041993-5352	Application No.: 10/699,845
	Applicants: Sung-Su JUNG et al. Sheet 3 of 10	
	Filing Date: November 4, 2003	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
/JL/	6,304,311	10/16/2001	Egami, et al.			11/11/1999
↓	6,337,730	01/08/2002	Ozaki, et al.			06/01/1999
	6,414,733	07/02/2002	Ishikawa, et al.			02/07/2000
↓	2001/0021000	09/13/2001	Egami			02/01/2001

FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Sub Class	Translation YES NO		
/JL/	51-65656 ✓	06/07/1976	Japan			Abstract		
↓	57-38414 ✓	03/03/1982	Japan			Abstract		
	57-88428 ✓	06/02/1982	Japan			Abstract		
	58-27126	02/17/1983	Japan			Abstract		
	59-57221 ✓	04/02/1984	Japan			Abstract		
	59-195222	11/06/1984	Japan			Abstract		
	60-111221 ✓	06/17/1985	Japan			Abstract		
	60-164723 ✓	08/27/1985	Japan			Abstract		
	60-217343 ✓	10/30/1985	Japan			Abstract		
↓	61-7822 ✓	01/14/1986	Japan			Abstract		

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				Applicants: Sung-Su JUNG et al.				Sheet 4 of 10	
				Filing Date: November 4, 2003				Group Art Unit: Unassigned	

FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Sub Class	Translation		
							YES	NO	
↓	/JL/	61-55625	✓	03/20/1986	Japan			Abstract	
		62-89025	✓	04/23/1987	Japan			Abstract	
		62-90622	✓	04/25/1987	Japan			Abstract	
		62-205319	✓	09/09/1987	Japan			Abstract	
		63-109413	✓	05/14/1988	Japan			Abstract	
		63-110425	✓	05/14/1988	Japan			Abstract	
		63-128315	✓	05/31/1988	Japan			Abstract	
		63-311233	✓	12/20/1988	Japan			Abstract	
		5-127179	✓	05/25/1993	Japan			Abstract	
		5-154923	✓	06/22/1993	Japan			Abstract	
		5-265011	✓	10/15/1993	Japan			Abstract	
		5-281557	✓	10/29/1993	Japan			Abstract	
		5-281562	✓	10/29/1993	Japan			Abstract	
		6-148657	✓	05/27/1994	Japan			Abstract	
		6-160871	✓	06/07/1994	Japan			Abstract	
		6-235925	✓	08/23/1994	Japan			Abstract	
↓		6-265915	✓	09/22/1994	Japan			Abstract	
		6-313870	✓	11/08/1994	Japan			Abstract	

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	Applicants: Sung-Su JUNG et al.	
	Filing Date: November 4, 2003	Sheet 5 of 10 Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
/JL/		6-51256 ✓	02/25/1994	Japan			Abstract	
		7-84268 ✓	03/31/1995	Japan			Abstract	
		7-128674 ✓	05/19/1995	Japan			Abstract	
		7-181507 ✓	07/21/1995	Japan			Abstract	
		8-95066 ✓	04/12/1996	Japan			Abstract	
		8-101395 ✓	04/16/1996	Japan			Abstract	
		8-106101 ✓	04/23/1996	Japan			Abstract	
		8-171094 ✓	07/02/1996	Japan			Abstract	
		8-190099 ✓	07/23/1996	Japan			Abstract	
		8-240807 ✓	09/17/1996	Japan			Abstract	
		9-5762	01/10/1997	Japan			Abstract	
		9-26578 ✓	01/28/1997	Japan			Abstract	
		9-61829 ✓	03/07/1997	Japan			Abstract	
		9-73075 ✓	03/18/1997	Japan			Abstract	
		9-73096 ✓	03/18/1997	Japan			Abstract	
✓		9-127528 ✓	05/16/1997	Japan			Abstract	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 041993-5352	Application No.: 10/699,845
	Applicants: Sung-Su JUNG et al.	
	Filing Date: November 4, 2003	Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	9-230357 ✓	09/05/1997	Japan			Abstract	
	9-281511 ✓	10/31/1997	Japan			Abstract	
	9-311340 ✓	12/02/1997	Japan			Abstract	
	10-123537 ✓	05/15/1998	Japan			Abstract	
	10-123538 ✓	05/15/1998	Japan			Abstract	
	10-142616 ✓	05/29/1998	Japan			Abstract	
	10-177178 ✓	06/30/1998	Japan			Abstract	
	10-221700 ✓	08/21/1998	Japan			Abstract	
	10-282512 ✓	10/23/1998	Japan			Abstract	
	10-333157 ✓	12/18/1998	Japan			Abstract	
	10-333159 ✓	12/18/1998	Japan			Abstract	
	11-14953 ✓	01/22/1999	Japan			Abstract	
	11-38424 ✓	02/12/1999	Japan			Abstract	
	11-64811 ✓	03/05/1999	Japan			Abstract	
	11-109388 ✓	04/23/1999	Japan			Abstract	
	11-133438 ✓	05/21/1999	Japan			Abstract	
	11-142864 ✓	05/28/1999	Japan			Abstract	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449		Attorney Docket No. 041993-5352		Application No.: 10/699,845	
Applicants: Sung-Su JUNG et al.		Sheet 7 of 10			
Filing Date: November 4, 2003		Group Art Unit: Unassigned			

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FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	11-174477 ✓	07/02/1999	Japan			Abstract	
	11-212045 ✓	08/06/1999	Japan			Abstract	
	11-248930 ✓	09/17/1999	Japan			Abstract	
	11-326922 ✓	11/26/1999	Japan			Abstract	
	11-344714	12/14/1999	Japan			Abstract	
	2000-2879	01/07/2000	Japan			Abstract	
	2000-56311	02/25/2000	Japan			Abstract	
	2000-66165	03/03/2000	Japan			Abstract	
	2000-137235	05/16/2000	Japan			Abstract	
	2000-147528	05/26/2000	Japan			Abstract	
	2000-193988	07/14/2000	Japan			Abstract	
	2000-241824	09/08/2000	Japan			Abstract	
	2000-284295	10/13/2000	Japan			Abstract	
	2000-29035 ✓	01/28/2000	Japan			Abstract	
	2000-292799	10/20/2000	Japan			Abstract	
	2000-310759	11/07/2000	Japan			Abstract	
	2000-310784 ✓	11/07/2000	Japan			Abstract	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 041993-5352	Application No.: 10/699,845
	Applicants: Sung-Su JUNG et al.	
	Filing Date: November 4, 2003	Sheet 8 of 10 Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	2000-338501	12/08/2000	Japan			Abstract	
	2001-5401	01/12/2001	Japan			Abstract	
	2001-5405	01/12/2001	Japan			Abstract	
	2001-13506	01/19/2001	Japan			Abstract	
	2001-33793	02/09/2001	Japan			Abstract	
	2001-42341	02/16/2001	Japan			Abstract	
	2001-51284	02/23/2001	Japan			Abstract	
	2001-66615	03/16/2001	Japan			Abstract	
	2001-91727	04/06/2001	Japan			Abstract	
	2001-117105 V	04/27/2001	Japan			Abstract	
	2001-117109	04/27/2001	Japan			Abstract	
	2001-133745	05/18/2001	Japan			Abstract	
	2001-133794 V	05/18/2001	Japan			Abstract	
	2001-133799	05/18/2001	Japan			Abstract	
	2001-142074	05/25/2001	Japan			Abstract	
	2001-147437	05/29/2001	Japan			Abstract	
	2001-154211	06/08/2001	Japan			Abstract	

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	Applicants: Sung-Su JUNG et al.	
	Filing Date: November 4, 2003	Sheet 9 of 10 Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	2001-166272	06/22/2001	Japan			Abstract	
	2001-166310	06/22/2001	Japan			Abstract	
	2001-183683	07/06/2001	Japan			Abstract	
	2001-201750	07/27/2001	Japan			Abstract	
	2001-209052	08/03/2001	Japan			Abstract	
	2001-209060	08/03/2001	Japan			Abstract	
	2001-215459	08/10/2001	Japan			Abstract	
	2001-222017	08/17/2001	Japan			Abstract	
	2001-235758	08/31/2001	Japan			Abstract	
	2001-255542	09/21/2001	Japan			Abstract	
	2001-264782 ✓	09/26/2001	Japan			Abstract	
	2001-272640	10/05/2001	Japan			Abstract	
	2001-281675	10/10/2001	Japan			Abstract	
	2001-281678	10/10/2001	Japan			Abstract	
	2001-282126	10/12/2001	Japan			Abstract	
	2001-305563	10/13/2001	Japan			Abstract	
	2001-330837	11/30/2001	Japan			Abstract	

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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
✓	2001-330840	11/30/2001	Japan			Abstract	
✓	2001-356353	12/26/2001	Japan			Abstract	
✓	2001-356354	12/26/2001	Japan			Abstract	
✓	2002-14360	01/18/2002	Japan			Abstract	
✓	2002-23176	01/23/2002	Japan			Abstract	
✓	2002-49045	02/15/2002	Japan			Abstract	
✓	2002-82340	03/22/2002	Japan			Abstract	
✓	2002-90759	03/27/2002	Japan			Abstract	
✓	2002-90760	03/27/2002	Japan			Abstract	
✓	2002-107740	04/10/2002	Japan			Abstract	
✓	2002-122872	04/26/2002	Japan			Abstract	
✓	2002-122873	04/26/2002	Japan			Abstract	
	2002-139734	05/17/2002	Japan			Abstract	
	2002-202512	07/19/2002	Japan			Abstract	
	2002-202514	07/19/2002	Japan			Abstract	
	2002-214626	07/31/2002	Japan			Abstract	
	2000-0035302	06/26/2000	Korea			Abstract	
✓	1 003 066	05/24/2000	Europe				

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